

**COMBINED DECLARATION AND POWER OF ATTORNEY  
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: IMPROVED CATALYST FOR PURIFICATION OF AROMATIC ACIDS

the specification of which

(a)  is attached hereto.

(b)  was filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_ or Express Mail No. \_\_\_\_\_, as Serial No. not yet known, and was amended on \_\_\_\_\_ (if applicable).

(c)  was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and amended under PCT Article 19 on \_\_\_\_\_ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

**PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(d)  no such applications have been filed.  
(e)  such applications have been filed as follows.

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (Patented, Pending, Abandoned)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Stephen I. Miller, Reg. No. 27,927  
Raymond F. Keller, Reg. No. 28,960  
Richard A. Negin, Reg. No. 28,649

Theodore J. Shatynski, Reg. No. 36,676  
Gregory Turocy, Reg. No. 36,952

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Name(s) of authorized representative(s) \_\_\_\_\_  
Address \_\_\_\_\_

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

---

Send Correspondence To:

Gregory Turocy  
Amin & Turocy, LLP  
24<sup>TH</sup> Floor, National City Center  
1900 East 9<sup>th</sup> Street  
Cleveland, OH 44114

Direct Telephone Calls To:

(name and telephone number)

Gregory Turocy  
(216) 696-8730

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full name of sole or first inventor: James Ferguson White

Inventor's signature: James Ferguson White

Date: 20 Dec 2001 Country of Citizenship: United States of America

Residence: Twinsburg, Ohio

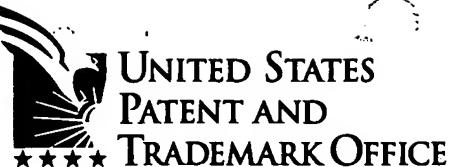
Post Office Address: 9357 Wallingford Drive

Twinsburg, Ohio 44087

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CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION

- Signature for third and subsequent joint inventors. Number of pages added \_\_\_\_.
- Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
- This declaration ends with this page.



MARCH 04, 2002

PTAS

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

AMIN & TUROCY, L.L.P.  
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\*101943395A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/21/2001

REEL/FRAME: 012437/0414  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WHITE, JAMES F.

DOC DATE: 12/20/2001

ASSIGNEE:

ENGLEHARD CORPORATION  
101 WOOD AVENUE  
ISELIN, NEW JERSEY 08830

SERIAL NUMBER: 10036822

FILING DATE: 12/21/2001

PATENT NUMBER:

ISSUE DATE:

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
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01-14-2002

SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of F

101943395

Remarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

James F. WHITE

12/21/01

Additional name(s) of conveying party(ies) attached? [ ] Yes [ x ] No

## 3. Nature of conveyance:

 Assignment       Merger Security Agreement       Change of Name Other \_\_\_\_\_

Execution Date: 12/20/01

## 2. Name and address of receiving party(ies):

Name: Engelhard Corporation

Internal Address: \_\_\_\_\_

Street Address: 101 Wood Avenue

City: Iselin

State/Country: New Jersey, U.S.A. ZIP: 08830

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 12/20/01

A. Patent Application No.(s)

01/10/2002 RMEBRAHT 00000017 10036822

0 FC:581

40.00 DP

B. Patent No.(s)

Additional Numbers attached? [ ] Yes [ x ] No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory Turocy

Internal Address: \_\_\_\_\_

Street Address: Amin &amp; Turocy, L.L.P.

24th Floor, 1900 East 9th Street

City: Cleveland

State: Ohio ZIP: 44114

## 6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) .....\$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature..

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory Turocy

Name of Person Signing

Signature

Dec 21 2001

Date

Reg. No. 36,952 Total number of pages including cover sheet attachments, and document: [ 2 ]

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

James Ferguson White  
9357 Wallingford Drive  
Twinsburg, Ohio 44087

hereby sell and assign to Engelhard Corporation having a place of business at 101 Wood Avenue, Iselin, New Jersey 08830-0770, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention(s) entitled IMPROVED CATALYST FOR PURIFICATION OF AROMATIC ACIDS set forth in the application for United States Letters Patent executed by the undersigned on the date(s) set forth below, said application for United States Letters Patent, any and all other applications for Letters Patent on said invention(s) in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said invention(s) or upon said applications, and every priority right that is or may be predicated upon or arise from said invention(s), said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said invention(s) in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said invention(s), patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be used for establishing the facts of conception, disclosure and reduction to practice of said invention(s), and to testify in any proceedings related to said invention(s), patent applications and Letters Patent.

Signed:

James Ferguson White  
James Ferguson White

Dated:

20 Dec 2001